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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): T. FUJIWARA et al

Serial No. :

Filed : Herewith

For : MAGNETIC CORE INCLUDING  
BIAS MAGNET AND  
INDUCTOR COMPONENT...

Art Unit :  
Examiner :

**PRELIMINARY AMENDMENT**

Hon. Commissioner of Patents  
and Trademarks

S I R :

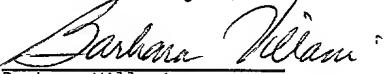
**IN THE CLAIMS:**

Please substitute amended claim 28 as follows:

28. (amended) An inductor component, wherein at least one  
turn of a coil is applied to the magnetic core according to claim  
1.

Date of Deposit: October 24, 2001

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Barbara Villani

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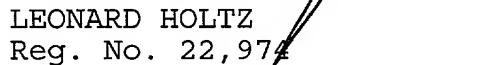
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R E M A R K S

In accordance with 37 CFR 1.121(c), a clean copy of amended claim 28 is set forth in the present Amendment, and a marked-up version of the amended claim 28 is attached hereto.

The amendment is being made to eliminate the multiple dependency of the claim.

Respectfully submitted,



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20. The magnetic core according to claim 6, wherein the resin is at least one selected from the group consisting of polypropylene resins, 6-nylon resins, 12-nylon resins, polyimide resins, polyethylene resins, and epoxy resins.

21. The magnetic core according to claim 6, wherein the surface of the permanent magnet is coated with a resin or a heat-resistant coating having a heat resistance temperature of 120°C or more.

22. The magnetic core according to claim 6, wherein the magnet powder is a rare-earth magnet powder selected from the group consisting of SmCo, NdFeB, and SmFeN.

23. The magnetic core according to claim 6, wherein the magnet powder has an intrinsic coercive force of 10 kOe or more, a Curie point of 500°C or more, and an average particle diameter of the powder of 2.5 to 50  $\mu\text{m}$ .

24. The magnetic core according to claim 23, wherein the magnet powder is a Sm-Co magnet.

25. The magnetic core according to claim 23, wherein the SmCo rare-earth magnet powder is an alloy powder represented by  $\text{Sm}(\text{Co}_{\text{bal}}\text{Fe}_{0.15 \text{ to } 0.25}\text{Cu}_{0.05 \text{ to } 0.06}\text{Zr}_{0.02 \text{ to } 0.03})_{7.0 \text{ to } 8.5}$ .

26. The magnetic core according to claim 23, wherein the resin content is 30 vol% or more.

27. The magnetic core according to claim 23, wherein the resin is at least one selected from the group consisting of polyimide resins, poly(amide-imide) resins, epoxy resins, poly(phenylene sulfide) resins, silicone resins, polyester resins, aromatic polyamide resins, and liquid crystal polymers.

28. An inductor component, wherein at least one turn of coil is applied to the magnetic core according to <sup>claim 1</sup> any one of claims 1 to 27.